

ABSTRACT OF THE DISCLOSURE

A method of maintaining a rotational velocity of an imaging drum during engagement with a transfer roll in an image producing device including: forming a nip to transfer an image from the imaging drum to media when the imaging drum is in engagement with the transfer roll; maintaining a substantially constant imaging drum rotational velocity mode during engagement with the transfer roll; sensing a lead edge of portion of the media prior to entering the nip; augmenting torque assist to increase the torque of the transfer roll when the media is in the nip for a defined period; and resuming the substantially constant imaging drum rotational velocity mode while a second portion of the media is in the nip.